| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|---------------------|---------|------------------|
| L1 | 8477 | (liquid ir water adj level) adj measure\$4 | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/24 07:09 |
| L2 | 7593 | (liquid or water adj level) adj measure\$4 | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/24 07:10 |
| L3 | 250 | 2 and nuclear | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/24 07:10 |
| L4 | 636 | 2 and correction | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/24 07:12 |
| L5 | 2 | 2 and (pressure adj drop) with correction | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/24 07:11 |
| L6 | 27 | 3 and correction | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/24 07:15 |
| L7 | 30 | (pressure adj head) with correction | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/24 07:18 |
| L8 | 199 | (pressure adj drop) with correction | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/24 07:22 |
| L9 | 5 | 8 and nuclear | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/24 07:19 |
| L10 | 26 | 8 and steam | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/24 07:22 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|--|---------------------|---------|------------------|
| L1 | 309 | ((liquid or water) adj level) with correction | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 14:06 |
| L2 | 16 | 1 and pressure adj drop | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 14:25 |
| L3 | 199 | pressure adj drop with correction | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 14:25 |
| L4 | 131 | 3 and (liquid or water level) | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 14:25 |
| L5 | 4 | 4 and nuclear | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 14:33 |
| L6 | 23 | steam adj generator adj tube adj support | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 14:52 |
| L7 | 3 | "6061413" | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 14:54 |
| L8 | 9100 | "73"/\$.ccls. and (water or liquid) adj level | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 14:57 |
| L9 | 51 | 8 and steam adj generator | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 14:55 |
| L10 | 51 | 8 and steam adj generator | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 15:04 |
| L111 | 14 | 10 and drop | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 14:56 |

| L12 | 2803 | "122"/\$.ccls. and (water or liquid) adj level | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 15:08 |
|-----|------|---|--|----|-----|------------------|
| L13 | 716 | 12 and steam adj generator | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 14:58 |
| L14 | 266 | 13 and drop | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 14:58 |
| L15 | 107 | 13 and nuclear | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 14:58 |
| L16 | 1673 | "60"/\$.ccls. and (water or liquid) adj level | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 15:04 |
| L17 | 200 | 16 and steam adj generator | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 15:08 |
| L18 | 44 | 17 and nuclear | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 15:05 |
| L19 | 2279 | "165"/\$.ccls. and (water or liquid) adj level | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 15:08 |
| L20 | 135 | 19 and steam adj generator | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 15:08 |
| L21 | 51 | 20 and nuclear | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 15:09 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---------------------------------|--|---------------------|---------|------------------|
| L1 | 855 | bernoulli with equation | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 08:06 |
| L2 | 352 | 1 and fluid adj flow | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 08:07 |
| L3 | 81 | 2 and differential adj pressure | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 08:07 |
| L4 | 11 | 3 and nuclear | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 08:07 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|----------------------------------|--|---------------------|---------|------------------|
| L1 | 200 | water adj level adj measurement | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 11:50 |
| L2 | 23 | 1 and nuclear | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 11:46 |
| L3 | i | 2 and drop | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 11:46 |
| L4 | 3 | 1 and pressure adj drop | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 11:48 |
| L5 | 10 | 1 and drop | US-PGPUB; USPAT; USOCR; DERWENT | OR | 0FF | 2005/01/19 11:48 |
| L6 | 634 | liquid adj level adj measurement | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 11:50 |
| L7 | 22 | 6 and pressure adj drop | US-PGPUB; USPAT; USOCR; DERWENT | OR | 0FF | 2005/01/19 11:51 |
| L8 | 22 | 6 and pressure adj drop | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 11:51 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|--|---------------------|---------|------------------|
| L1. | 200 | water adj level adj measurement | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 11:50 |
| L2 | 23 | 1 and nuclear | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 11:46 |
| L3 | 1 | 2 and drop | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 11:46 |
| L4 | 3 | 1 and pressure adj drop | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 11:48 |
| L5 | 10 | 1 and drop | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 11:48 |
| L6 | 634 | liquid adj level adj measurement | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 11:50 |
| L7 | 22 | 6 and pressure adj drop | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 12:31 |
| L8 | 22 | 6 and pressure adj drop | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 12:22 |
| L9 | 27 | pressure adj drop adj (correction or error) | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 12:25 |
| L10 | 465 | pressure adj drop with (correction or error) | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 12:25 |
| | 15 | 10 and (water or liquid) adj level | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 12:26 |

| L12 | 837 | bernoulli and pressure adj drop | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 12:31 |
|-----|-----|------------------------------------|--|----|-----|------------------|
| L13 | 51 | 12 and nuclear | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 12:32 |
| L14 | 10 | 13 and (water or liquid) adj level | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 12:32 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|--|---------------------|---------|------------------|
| L1 | 309 | ((liquid or water) adj level) with correction | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 14:06 |
| L2 | 16 | 1 and pressure adj drop | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 14:25 |
| L3 | 199 | pressure adj drop with correction | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 14:25 |
| L4 | 131 | 3 and (liquid or water level) | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 14:25 |
| L5 | 4 | 4 and nuclear | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/01/19 14:26 |

From:

STIC-ILL

Sent:

Monday, January 03, 2005 3:34 PM

To:

Raja, Jayanthi (ASRC)

Subject:

FW: 10/647,757

----Original Message----

From:

Lehman, Karen

Sent:

Monday, January 03, 2005 3:33 PM

To:

STIC-ILL

Subject:

FW: 10/647,757

For Rick Palabrica 3641

Thanks.

"Water inventory determination using differential pressure cells" by Mandl et al.

(Nuclear Engineering and Design, v 110, n 1 12(I), 1988, p. 55-59). I would like to get a copy of this article. Thanks again.

----Original Message----

From:

Palabrica, Ricardo

Sent:

Monday, January 03, 2005 10:28 AM

To: Lehman, Karen

Subject:

FW: 10/647,757

Karen,

I have reviewed the search results you provided this morning. From the list, item 24/7/8 is of interest to me (Nuclear Engineering and Design, v 110, n 1 12(I), 1988, p. 55-59). I would like to get a copy of this article. Thanks again.

Rick

----Original Message----

From:

Palabrica, Ricardo

Sent:

Monday, December 27, 2004 1:59 PM

To: Lehman, Karen

Subject:

10/647,757

Karen,

Please provide an NPL search on the follow topics:

- Determination of of feed water level in a steam generator using a water level sensor.
- 1 + the water level sensor is calibrated in terms of pressure drop across structural components in feed water path.
- 3. 1 and 2, as applied to a nuclear power plant.

Thanks and hope you had a good holiday.

Rick